

ABSTRACT OF THE DISCLOSURE

Broadband switching including the implementation of and control over a massive sub-microsecond switching fabric. To effect the attributes of the switching fabric, conditionally nonblocking components are used as building-blocks in an interconnection network which is recursively constructed. The properties of the interconnection network are preserved during each recursion to thereby configure the massive switching fabric from scalable circuitry.

500 400 300 200 100 0